

AESICS User Guide - Homepage

The homepage of the [AESICS](#) web-based interface provides many monitoring capabilities for the user to track AESICS requests. These monitoring capabilities are explained in more detail below.

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Observatory Metrics

The Observatory Metrics table located on the AESICS web-based interface's homepage is used to provide the LP DAAC Operations team a quick reference to view requests that have come through the AESICS system via automation. LP DAAC Operations staff can quickly check to see the last date that a request was received from either the [Alaska Satellite Facility](#) (ASF) or the [Hawaiian Volcano Observatory](#) (HVO). This table provides the following information:

- The name given to the last request submitted by ASF and HVO.
- The timestamp of the last request submitted by ASF and HVO
- The total number of requests submitted by ASF and HVO

NOTE: as stated in this table, 7+ days without a request from either Alaska or Hawaii is considered to be abnormal, and Operations are directed to alert this to the attention of the AESICS engineers.

Observatory Metrics		
	Alaska	Hawaii
Last Request Name:	Shiveluch-n18.16360.0648	Pipocalapet
Last Request Date:	Dec 24, 2016 at 20:25 UTC	Dec 26, 2016 at 06:02 UTC
Total Requests:	2034	1976

Calendar

The AESICS web interface also utilizes a calendar that provides many different useful capabilities for AESICS users.

Display

The calendar displays all of the requests that have been scheduled through the AESICS system and is capable of being interacted with in the following manners:

1. Each request is color-coded to specify the status of the request
 - a. **Orange** > Approved
 - b. **Green** > Completed
2. The Request ID is displayed directly in the calendar. For days that contain multiple requests, the user is able to click to view all the requests for a given day.
3. Upon selecting a request number, a box appears giving more information for the Request ID in the following ways:
 - a. Displays the request ID number with a link to view the full request in further detail. See the [Requests](#) section of this user guide for more information on this.
 - b. Displays the STAR ID associated with the request.
 - c. Displays the Event Name.
 - d. Displays the status of the request. The different status are explained in more detail in the [Map](#) section below.
 - e. Displays the uplink status on whether the data has been uplinked to the [Terra](#) satellite.
 - f. Displays the time that the Terra satellite is scheduled to overpass the location.

ASTER Calendar

December 2016 today < >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27 13812 +3 more	28 13813 13883 13882	29 13882	30 13882	1 13903	2 13903	3 13903
4 13905	5 13733	6 13912 13902	7 13912	8 13912	9 13912	10 13912
11 13912	12 13912	13 13912	14 13912	15 13912	16 13912	17 13912
18 13912	19 13912	20 13912	21 13912	22 13912	23 13912	24 13912
25 13912	26 13912	27 13912	28 13912	29 13912	30 13912	31 13912

Above is the JPL ASTER Calendar filtered to show AESICS requests only. The ID shown is the AESICS request ID. Click on a calendar item to view more information. To view the full ASTER Calendar, [click here](#).

Acquisition for 13813	
AESICS ID:	13813
STAR ID:	160652
Event Name:	Shiveluch-n18.16318.0632
Status:	Completed
Uplinked:	Yes
Overpass Time:	Tue Nov 29 2016 04:56:35 GMT-0600
Close	

Requests Timeline

The requests timeline section of the AESICS web interface displays a visual representation of the number of requests that have been submitted to the AESICS system via ASF, HVO, and Manual Submission methods over the past four weeks. This section is purely used for LP DAAC Operations

staff as a means of monitoring the system. Operations is instructed to notify the AESICS engineers in the event that no submissions have been received from either ASF or HVO.

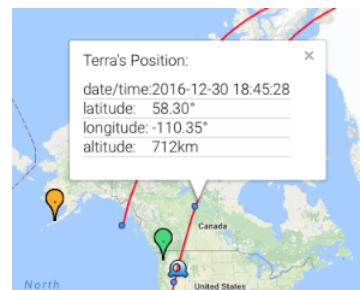
One additional monitoring capability has also been included. Users can hover over each mark on the timeline to see the associated schedule request ID and the status of that request. These marks are also color-coded using the same methodology as described in the **Map** section below.



Map

The map section of the AESICS web interface displays a visual reference for the scheduled requests as well as more information as described in more detail below.

1. Each request is labeled on the map in the form of a color-coded pin.
 - a. **Red Pin** > Request is in **failed or cancelled** status
 - i. Indicates request was cancelled either via manual or automatic sorting methods, or that the scheduling request sent to the satellite failed.
 - b. **Blue Pin** > Request is in **pending** status
 - i. Indicates request is currently awaiting to have its status updated.
 - ii. This step is done manually. For information on how to do this, see the [Requests](#) section of this user guide.
 - c. **Orange Pin** > Request is in **approved** status
 - i. Indicates that the request has been approved and has been submitted for collection aboard the Terra satellite
 - d. **Green Pin** > Request is in **completed** status
 - i. Indicates that data has been collected by the Terra satellite.
2. Each pin is interactive. Because requests tend to overlap on the map, upon clicking a pin, each active requests for a single location is displayed in a spiral. Clicking on the pin shows the following information
 - a. Request name
 - b. Request ID
 - c. Request Status
 - d. Link to view the request. See the [Requests](#) section of this user guide for more information.
3. The orbit path of the Terra satellite is displayed in the form of a red line, and each blue dot gives the following information:
 - a. Date/Time of overpass (in GMT)
 - b. Latitude of the location
 - c. Longitude of the location
 - d. Altitude of the Terra Satellite
4. The current real-time location of the Terra satellite is displayed on the orbit track
 - a. In this example, you can see the blue icon indicating Terra's location near Washington State on the map.



NOTE: Requests that are in "denied" status do NOT display on the AESICS map.